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Broadband Coax

CATV Cables
Series 6

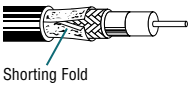
Jameco Part Number 232733
(1189A-010-100)

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond Plus® + 90% Aluminum Braid Shield

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C	**1621A**	NEC: CATV CM CEC: CM	1000	304.8	34.0	15.5	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond Plus + 90% Aluminum Braid 3.7Ω/M′ 12.1Ω/km	.275	6.99	75	83%	16.2	53.1	See Chart on page 6.88		



Sweep tested 5 MHz to 1 GHz.

Series 6 • 18 AWG Solid .040″ Bare Copper-covered Steel • Duobond® IV* Quad Shield

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C	**1189A**	NEC: CATV CM CEC: CM	U-500▼ U-1000▲ 1000◆	U-152.4 U-304.8 304.8	16.0 37.0 37.0	7.3 16.8 16.8	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	See Chart on page 6.88		

Sweep tested 5 MHz to 1 GHz.

▼U-500 ft. put-up also available in White.
▲U-1000 ft. put-up also available in White or Neutral.
◆1000 ft. put-up also available in White, Beige or Neutral.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

75°C	**1189AP** new	NEC: CATVP CMP CEC: CMP FT6	U-1000† 1000†	U-304.8 304.8	41.0 42.0	18.6 19.1	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.170	4.32	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.248	6.30	75	83%	16.3	53.5	1 .3 1.0 10 .7 2.2 50 1.6 5.2 100 2.2 7.2 200 3.0 9.8 400 4.6 15.1 700 6.6 21.7 900 7.7 25.3 1000 8.2 26.9	

Sweep tested 5 MHz to 1 GHz.

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket

80°C	**1884A**	NEC: CATV CM CEC: CM	U-1000◗ 1000◗	U-304.8 304.8	39.0 38.0	17.7 17.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298	7.57	75	83%	16.2	53.1	See Chart on page 6.88		

Sweep tested 5 MHz to 1 GHz.

◗1000 ft. and U-1000 ft. put-ups also available in Neutral.

80°C	**1191AM**		1000†	304.8	49.0	22.3	18 AWG (solid) .040″ BCCS 28.0Ω/M′ 91.9Ω/km	.180	4.57	Duobond IV 60% & 40% Aluminum Braids 4.8Ω/M′ 15.7Ω/km	.298 x .433	7.57 x 11.00	75	83%	16.2	53.1	See Chart on page 6.88		

Sweep tested 5 MHz to 1 GHz.

.051″ (1.3mm) galvanized steel messenger.

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

*Duobond IV = Duobond II + 60% aluminum braid + Duofoil® tape + 40% aluminum braid.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Technical Information

Attenuation vs. Frequency for Belden® Broadband Coaxial Products

Frequency Point (MHz)	Series 59				Series 6				Series 11			
	Nominal dB/100 Ft.	Nominal dB/100m	Maximum dB/100 Ft.	Maximum dB/100m	Nominal dB/100 Ft.	Nominal dB/100m	Maximum dB/100 Ft.	Maximum dB/100m	Nominal dB/100 Ft.	Nominal dB/100m	Maximum dB/100 Ft.	Maximum dB/100m
5	.75	2.46	.89	2.92	.54	1.77	.67	2.20	.34	1.12	.38	1.25
55	1.84	6.04	1.95	6.40	1.45	4.76	1.60	5.25	.91	2.99	.97	3.18
211	3.36	11.02	3.59	11.78	2.64	8.66	2.87	9.42	1.68	5.51	1.81	5.94
216	3.41	11.19	3.69	12.11	2.67	8.76	2.95	9.68	1.70	5.58	1.84	6.04
240	3.57	11.71	3.87	12.70	2.80	9.19	3.09	10.14	1.78	5.84	1.94	6.36
270	3.79	12.43	4.05	13.29	2.97	9.74	3.24	10.63	1.89	6.20	2.05	6.73
300	3.99	13.09	4.27	14.01	3.13	10.27	3.43	11.25	1.99	6.53	2.15	7.05
325	4.16	13.65	4.50	14.76	3.26	10.70	3.59	11.78	2.07	6.79	2.24	7.35
350	4.33	14.21	4.64	15.22	3.39	11.12	3.72	12.20	2.15	7.05	2.32	7.61
375	4.49	14.73	4.84	15.88	3.52	11.55	3.87	12.70	2.22	7.28	2.40	7.87
400	4.66	15.29	4.88	16.01	3.65	11.97	4.00	13.12	2.30	7.55	2.47	8.10
450	4.96	16.27	5.30	17.39	3.88	12.73	4.26	13.98	2.45	8.04	2.65	8.69
500	5.22	17.13	5.50	18.04	4.09	13.42	4.48	14.70	2.59	8.50	2.85	9.35
550	5.48	17.98	5.90	19.36	4.30	14.11	4.71	15.45	2.73	8.96	2.94	9.65
600	5.75	18.86	6.18	20.28	4.51	14.80	4.94	16.21	2.85	9.35	3.08	10.10
650	6.03	19.78	6.52	21.39	4.72	15.49	5.18	16.99	2.98	9.78	3.22	10.56
700	6.28	20.60	6.83	22.41	4.92	16.14	5.45	17.88	3.10	10.17	3.37	11.06
750	6.51	21.36	6.96	22.83	5.11	16.76	5.59	18.34	3.21	10.53	3.50	11.48
800	6.71	22.01	7.30	23.95	5.27	17.29	5.75	18.86	3.32	10.89	3.65	11.97
862	6.97	22.87	7.50	24.61	5.47	17.95	5.98	19.62	3.46	11.35	3.82	12.53
870	7.00	22.97	7.54	24.74	5.49	18.01	6.00	19.68	3.48	11.42	3.84	12.60
900	7.14	23.42	7.79	25.56	5.60	18.37	6.11	20.05	3.55	11.65	3.96	12.99
950	7.39	24.25	7.90	25.92	5.79	19.00	6.35	20.83	3.66	12.01	4.10	13.45
1000	7.68	25.20	8.09	26.54	5.99	19.65	6.54	21.46	3.77	12.37	4.23	13.88